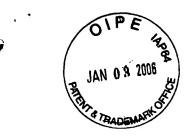
01 P	, E					$\mathcal{O}(\mathcal{C})$	
Effective on 12/08/04	\$\			Complete	if Known	)	٦
IAN 03 2006		Application No.		09/652,842	09/652,842		
FEE TRANSMI		Filing Da	ite	August 31,	2000		
FEE TRANSMI	I I AC SHEET	First Inventor		Vishnu K. A	Vishnu K. Agarwal		
(FŶ <del>200</del> 5)		Group Art Unit		2823			
		Examiner Name		Belur V. Ke	Belur V. Keshavan		٦
Applicant claims small entity sta	atus (see 37 C.F.R. 1.27)	Atty. Doc	Atty. Docket Number 501082.06		•		
METHOD OF PAYM	ENT (Check One)	FEE CALCULATION (Continued)			V		
X The Director is hereby authorize	ed to charge any additional fee	3. ADDITIONAL FEES					
required under 37 C.F.R. §§ 1.16 and 1.17 and 1.136(a)(3) and credit any over payments to Deposit Account No. 50-1266; Deposit Account Name: DORSEY & WHITNEY LLP.			Small Entity Fee	Fee Description		Fee paid	
☐ Check Enclosed.		50	25	Surcharge - late p cover sheet	rovisional filing fee or	!	\$
Extra Clair	m Fees	130	65	Surcharge – Late fee or oath	nonprovisional filing	,	\$
Current Claims Prior Ext		180	180	Submission of IDS	<b>S</b>		\$
Total - 20 = - 3 =	x \$ = \$0 x _ \$ = _ \$0	40	40		atent assignment per	!	\$
Multiple Dependent Claims	x \$ = \$ otal (Extra Claims) \$ 0	120	60		mber of properties)  within first month		\$
Subto	otal (Extra Claims) <u>\$0</u>	450	225	• •	within second month		\$
Petition Fee Under 37 C	FR 1.17(f), (g), & (h)	1,020	510	Extension for reply	within third month		\$
Enclosed is a Petition filed under 37 C		1,590	795	Extension for reply	within fourth month		\$
Petition Fee under 37 CFR 1.17(f) § 1.53(e) to accord a filing date.	Fee \$400	2,160	1,080	Extension for reply	within fifth month		\$
§ 1.57(a) to accord a filing date.	ant provided for	790	395	Submission After	Final 1.129		\$
§ 1.183 to suspend the rules.	•	500	250	Notice of Appeal			\$
payment of maintenance fe	ion on petition refusing delayed e in expired patent.	500	250	Filing a brief in su	oport of an appeal		\$
§ 1.174(b) to accord a filing date to an of patent term.	application under §1.740 for extension	1,000	500	Request for oral h	earing		\$
Petition Fee under 37 CFR 1.17(g)		130	65	Terminal Disclaim	er Fee		\$
§ 1.12 for access to an assignm § 1.14 for access to an applicati	on.	800	400	Design Issue Fee			\$
§ 1.47 for filing by other than all § 1.59 for expungement of infor	inventors or person not the inventor.  mation.	790	395	Request for Contin (RCE)	nued Examination	;	\$
§ 1.103(a) to suspend action in an a § 1.136(b) for review of a request fo		130		Request for volunt republication	tary publication or		\$
§ 1.296 to withdraw a req. for pub.	after notice of intent to publish issued. ing to accept a maintenance fee filed	500	250	Petition to Revive	<ul><li>unavoidable</li></ul>		\$
prior to expiration of a pate		1,500	750	Petition to Revive	<ul><li>unintentional</li></ul>		\$
§ 1.956 for request for ext. of tim	e in ex parte reexam, proceedings.	200		Filing for patent te	•		\$
§ 5.12 for expedited handling of for § 5.15 for changing the scope of a		400		Request for reinst reduced	atement of term		\$
§ 1.5.25 for retroactive license.  Petition Fee under 37 CFR 1.17(h)	Fee \$130	1,120		Extension of term	of patent		\$
§ 1.19(g) to request documents in § 1.84 for accepting color draw	a form other than provided in this part. ings or photographs.	OTHER (specify)	<sup>FEE</sup> Ce	rtificate		,	\$
§ 1.91 for entry of a model or e § 1.102(d) to make an application s § 1.138(c) to expressly abandon ar		(6663)	JAN	0 6 2006 Subto	otal (Additional Fees)	\$	0
§ 1.313 to withdraw an application § 1.314 to defer issuance of a page					ount of Payment:	\$(	0
Submitted by:		<u> </u>					_
CUSTOMER NUMBER DORSEY & WHITNEY LLP				nue, Suite 3400			٦
27,076				8101-4010 0 <i>phone /</i> (206) 903	-8820 fax		
Name: Edward W. Bulchis					Reg. No.: 26,847		
(On 101/1			1/	/	Date:	-	
Signature:	1 00 1500	ch	h	<u>ح</u>	Dec. 15,	<u> 2005</u>	





I hereby certify that on the date specified below, this correspondence is being deposited with the United States Postal Service as first-class mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

1509WD92 15, 2005

Carolyn L. Ros

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Vishnu K. Agarwal

Attorney Docket No.: 501082.06

Patent No. : US 6,916,699 B1

: 09/652,842

Issue Date: July 12, 2005

Filed

Serial No.

: August 31, 2000

Title

Date

: DEVICE AND METHOD FOR PROTECTING AGAINST OXIDATION OF A

CONDUCTIVE LAYER IN SAID DEVICE

## REQUEST FOR CERTIFICATE OF CORRECTION

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

A Certificate of Correction under 35 U.S.C. § 254 is respectfully requested for the above-identified patent in order to correct Patent and Trademark Office errors made during the printing of the patent. The changes in the patent needed to correct the errors are as follows:

Column, Line	Reads	Should Read
Page 2, Cited References Column 1, Line 53	"5,552,341 A 9/1996 Lee438/668" "tungsten nitride WN <sub>x1</sub> ,	5,552,341 A 9/1996 Lee437/192 tungsten nitride WN <sub>x</sub> , wherein X
	wherein X is a number greater than"	is a number greater than
Column 2, Line 4	"cause the oxygen at the tungsten nitride surface to diff-use"	cause the oxygen at the tungsten nitride surface to diffuse

Column 2, Line 10	"coupled in series, wherein	coupled in series, wherein the
	the HSG/Ta <sub>2</sub> O <sub>5</sub> WN <sub>x</sub> layers serve"	HSG/Ta <sub>2</sub> O <sub>5</sub> /WNx layers serve
Column 2, Line 14	"Ta <sub>2</sub> O <sub>5</sub> WNx/polysilicon	Ta <sub>2</sub> O <sub>5</sub> /WNx/polysilicon
	capacitor that was intended to be"	capacitor that was intended to be
Column 2, Line 18	"as the bottom plate of a	as the bottom plate of a
	capacitor, underlying the	capacitor, underlying the Ta <sub>2</sub> O <sub>5</sub>
	$Ta_2O_5$ ,"	
Column 4, Line 40	"nitride layer 28 exposed in	nitride layer 28 exposed in situ to
	situ to a N <sub>2</sub> and H <sub>2</sub> plasma The"	a N <sub>2</sub> and H <sub>2</sub> plasma. The
Column 4, Line 52	"(RF) power ranging from	(RF) power ranging from about
•	about 50 to about 1000 W; a"	50 to about 1000W; a
Column 5, Line 42	"ranging from about 50 to	ranging from about 50 to about
	about 1000 W; a pressure	1000W; a pressure ranging
	ranging"	
Column 6, Line 21	"used to provide the. tungsten	used to provide the. tungsten
	nitride layer 28 and one of	nitride layer 28 and one of the
	the"	

The above errors for which correction is requested under 35 U.S.C. § 254 were made in the printing of the patent. The errors are considered sufficiently important to justify the processing of a Certificate of Correction under 35 U.S.C. § 254. A Form PTO-1050, in duplicate, is enclosed herewith.

The Commissioner is hereby authorized to charge payment of any fees associated with this communication to Deposit Account No. 50-1266. A duplicate copy of this sheet is enclosed.

Favorable consideration of this Request is respectfully requested.

Respectfully submitted,

Date: <u>Vec. 15, 2005</u>

Edward W. Bulchis, Reg. No. 26,847

Customer No. 27,076 Dorsey & Whitney LLP 1420 Fifth Avenue, Suite 3400 Seattle, WA 98101 (206) 903-8785 Attorney for Applicant(s)

EWB:clr

Enclosures:

Postcard

Form PTO-1050 (+ copy)

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Respectfully submitted,

Date: <u>Dec. 15, 2005</u>

r: (

Edward W. Bulchis, Reg. No. 26,847

Customer No. 27,076
Dorsey & Whitney LLP
1420 Fifth Avenue, Suite 3400
Seattle, WA 98101
(206) 903-8785
Attorney for Applicant(s)

EWB:clr

Enclosures:

Postcard

Form PTO-1050 (+ copy)

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## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO.

US 6,916,699 B1

DATED

July 12, 2005

INVENTOR(S) :

Vishnu K. Agarwal

It is certified that error appears in the above identified patent and that said Letters Patent is hereby corrected as shown below:

Column, Line	Reads	Should Read
Page 2, Cited References	"5,552,341 A 9/1996 Lee438/668"	5,552,341 A 9/1996 Lee437/192
Column 1, Line 53	"tungsten nitride $WN_{x1}$ , wherein X is a number greater than"	tungsten nitride WN <sub>x</sub> , wherein X is a number greater than
Column 2, Line 4	"cause the oxygen at the tungsten nitride surface to diff-use"	cause the oxygen at the tungsten nitride surface to diffuse
Column 2, Line 10	"coupled in series, wherein the HSG/Ta <sub>2</sub> O <sub>5</sub> WN <sub>x</sub> layers serve"	coupled in series, wherein the HSG/Ta <sub>2</sub> O <sub>5</sub> /WNx layers serve
Column 2, Line 14	"Ta <sub>2</sub> O <sub>5</sub> WNx/polysilicon capacitor that was intended to be"	Ta <sub>2</sub> O <sub>5</sub> /WNx/polysilicon capacitor that was intended to be
Column 2, Line 18	"as the bottom plate of a capacitor, underlying the Ta <sub>2</sub> O <sub>5</sub> ,"	as the bottom plate of a capacitor, underlying the $Ta_2O_5$
Column 4, Line 40	"nitride layer $28$ exposed in situ to a $N_2$ and $H_2$ plasma The"	nitride layer 28 exposed in situ to a $N_2$ and $H_2$ plasma. The
Column 4, Line 52	"(RF) power ranging from about 50 to about 1000 W; a"	(RF) power ranging from about 50 to about 1000W; a

MAILING ADDRESS OF SENDER:

Patent No. <u>US 6,916,699 B1</u>

DORSEY & WHITNEY LLP 1420 Fifth Avenue, Suite 3400 Seattle, Washington 98101 No. add'l. copies @ .30 per page

FORM PTO-1050 (REV. 3-82)

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## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO.

US 6,916,699 B1

DATED

July 12, 2005

INVENTOR(S)

Vishnu K. Agarwal

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Column 4, Line 52	"(RF) power ranging from about 50 to about 1000 W; a"	(RF) power ranging from about 50 to about 1000W;

MAILING ADDRESS OF SENDER:

Patent No. <u>US 6,916,699 B1</u>

DORSEY & WHITNEY LLP 1420 Fifth Avenue, Suite 3400 Seattle, Washington 98101 No. add'l. copies @ .30 per page

FORM PTO-1050 (REV. 3-82)

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